Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 14 Aug 2020 until 23:59 on Saturday 15 Aug 2020

Forecast Issued on Friday 14 Aug 2020 at 01:23

Confidence: Moderate to high in overall trend. Lower confidence in detail of shower activity.

Headline for Friday 14 Aug 2020: Low cloud, hill fog clearing to sunny spells. Low risk of thundery shower.

Mountain weather hazards on Friday 14 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
10%	10%	20%	10%	10%	10%

Forecast for Friday 14 Aug 2020

Weather: Cloudy at first with intermittent drizzle, fog on peaks, and misty in valleys. Cloud will tend to lift and break during the morning with sunny spells developing. Warm in valleys, pleasant enough temperatures on peaks, but feeling fresher in the strong winds. There is a low chance of thunderstorms breaking out during the day.

Chance of cloud free mountain/hill tops above 600m: 20 to 30 percent at first with low cloud cover, becoming 80-90 percent during the day, decreasing to 30 percent during the evening.

Visibility: Moderate in mist and drizzle, poor in fog. Becoming mainly good.

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Mountain Weather Forecast

Forecast for Friday 14 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 NE	19/25 NE	18/25 NE	18/26 NE	17/25 NE	18/25 NE	18/25 NE
300	12/19 NE	12/20 NE	13/20 NE	14/22 NE	14/22 NE	15/24 NE	12/20 NE
Valley	4/11 NE	8/18 NE	7/16 NE	9/20 NE	10/23 NE	14/30 NE	11/25 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	13/10	16/13	19/15	16/13	13/10	12/8
300	14/12	16/14	20/17	22/19	20/17	16/13	14/12
Valley	15/15	18/17	20/20	23/22	20/19	16/14	15/13
Freezing Level*	3200m	3200m	3200m	3000m	3000m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong northeast winds may gust to 40 mph at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 14 Aug 2020	0mm	0mm	15.2mm

Forecast for Saturday 15 Aug 2020

Weather: A similar day with overcast skies, and fog and possible drizzle at first on peaks. Some sunny spells will develop by midday, especially in west. Low risk of thundery showers by evening. Strong northeast winds will decrease to moderate later.

Maximum wind: Northeast strong with gusts to 35 to 40 mph, decreasing to gusts of 25 mph.

Chance of cloud free mountain/hill tops above 600m: 20 percent at first, becoming 90 percent by midday.

Visibility: Moderate in mist and drizzle at first, poor in morning and evening fog. Becoming mainly good for the afternoon.

Temperature: **Valleys:** 14 bec 21 deg C
At 600m: 12 bec 16 deg C
Freezing level: Above the peaks.

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